



Minimum Error of Closure 1' IN 200'  
 Source of Elevation U.S.G.S. STANDARD TABLET AT MOUTH OF BIG RUN, ELEV. 865'  
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location   
 Drill Deeper   
 Abandonment

MAP SHEET 67 S-17 W-12 F.B.1648 PGS. 33-38

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W.VA.  
 Farm W. BRENT MAXWELL  
 Tract Acres 2400 Lease No. 41998  
 Well (Farm) No. 11564 Serial No. 11564  
 Elevation (Spirit Level) 877  
 Quadrangle HOLBROOK - NORTH EAST SECTION  
 County DODDRIDGE District SOUTHWEST  
 Engineer [Signature]  
 Engineer's Registration No. 233  
 File No. 6 Drawing No. 47-017  
 Date FEB. 26, 1973 Scale 1" = 40 POLES

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. Roll-1735

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 — Denotes one inch spaces on border line of original tracing.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

39-15  
3-41  
5

Quadrangle HOLBROOK

Permit No. DODD-1735

Rotary XXX Oil  
Cable \_\_\_\_\_ Gas XXX e. Note  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm W. B. Maxwell Acres 2100  
Location (waters) So. Fk./ Hughes River  
Well No. 11564 Elev. 877'  
District Southwest County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_

Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

Drilling Commenced 8-31-73  
Drilling Completed 9-8-73  
Initial open flow 2 1/2 M cu. ft. \_\_\_\_\_ bbls.  
Final production 673 M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 2 1/2 hours hrs. before test 330# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	20	20	To surface
9 5/8			
8 5/8	1463	1463	To surface
7			
5 1/2			
4 1/2	1801	1801	140 bags
3			
2			
Liners Used			

Well treatment details: \_\_\_\_\_ Attach copy of cementing record.  
Well fractured in Injun 9-21-73 with 45,000# sand, 850 bbl water, 500 gal acid.

Perforations: 1707-1733' with 20 holes

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 40' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Injun Depth 1707-33'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & Red Rock			0	100	Water	140' Fresh
Sand & Shale			100	872		
Salt Sand			872	1265		
Sand & Shale			1265	1425		
Maxton			1425	1456		
Sand & Shale			1456	1555		
Big Lime			1555	1655		
<u>Big Injun</u>			1655	1738	<u>Gas</u>	1708'

Total Depth \_\_\_\_\_ 1823'

K. B. Measurement 4' above G.L.

Consolidated Gas Supply Corporation  
1415 West Main Street  
Clarksburg, W. Va.

\* Indicates Electric Log tops in the remarks section.

(over)

DEC 21 1973



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE June 22, 1973

Surface Owner Dr. A. S. Swartzman

Company Consolidated Gas Supply Corporation

Address 2007 Nicholas, Washington, D.C. 20020

Address Clarksburg, W. Va.

Mineral Owner Union National Bank. Atty in fact

Farm W. B. Maxwell Acres 2400

Address P.O. Box 1450, Clarksburg, W. Va.

Location (waters) S.F. of Hughes River

Coal Owner None

Well No. 11564 Elevation 877'

Address \_\_\_\_\_

District Southwest County Doddridge

Coal Operator None

Quadrangle HOLBROOK

Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 10-25-73

Robert H. Fidd  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Mr. Wm. Blosser  
Box 1857 PH: Fairmont  
Calfax 363-9105  
W. Va. 26566

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 10-7-98 19    by W. Brent Maxwell made to Carter Oil Co. and recorded on the 15th day of September 1899 ~~1899~~, in Doddridge County, Book 14 Page 376

XX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,  
(Sign Name) W. C. Bayne Manager of Prod.  
Well Operator

Address  
of  
Well Operator

Consolidated Gas Supply Corporation  
Street  
445 West Main Street  
City or Town  
Clarksburg, W. Va.  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed:

BLANKET BOND

Dodd-1735 PERMIT NUMBER  
47017

**THIS IS AN ESTIMATE ONLY**  
**ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME Spencer Drilling Co. NAME R. E. Bayne  
 ADDRESS West Union, W. Va. ADDRESS Bridgeport, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 1775' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
<del>12x10</del> 11"	20'	20'	To surface
9 - 5/8			
8 - 5/8	450'	450'	To surface
7			
5 1/2			
4 1/2	1775'	1775'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75' FEET \_\_\_\_\_ SALT WATER None FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS None \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
 For Coal Company

\_\_\_\_\_  
 Official Title